



Picture  
Coming  
Soon

## 23.1" Console Mount Military / Marine Flat Panel Monitor

23.1" console mount ruggedized flat panel monitors are designed for use in Military mission critical environments. These 23.1" displays will also work in your Marine applications. These flat panel monitors are shock and vibration tested. Front OSD controls with a power switch is standard on these ruggedized monitors.

## SPECIFICATIONS

### FEATURES

- ◆ Bright Active Matrix TFT Display
- ◆ A-R coated Strengthened Glass
- ◆ Analog or Digital RGB
- ◆ Auto Detection of over 50 pixel formats
- ◆ 1600 x 1200 UXGA Native Resolution
- ◆ DVI-I, DIN, RCA Jack

\*Supports all VESA standard video formats

### CONTACT

#### HEADQUARTERS

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#### E-mail

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#### Website

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#### Display Size

23.1 Inch

#### Panel Type

TFT Active with Bonded  
Protective Faceplate

#### Resolution Capabilities

VGA to UXGA\*

#### Pixel Format

Auto Detection from  
640 x 350 to 1600 x 1200\*

#### Pixel Pitch

.29 mm

#### Active Display Area

18.5"(w) x 13.9"(h)  
470.4mm(w) x 352.8mm(h)

#### Viewing Angle

Left / Right: 85/85 Degrees  
Up / Down: 85/85 Degrees

#### Contrast Ratio

400:1 Typical

#### Brightness

250 Nits

#### Back Light

50,000 Hours Half Life

#### Colors Supported

16.8M

#### Video Input

RGB Digital (TMDS) or  
Analog 0.7V p-p Into 75Ω,  
S-Video or composite video

#### Sync

Separate TTL H&V,  
Composite TTL H&V, SOG

#### Input Connector

DVI-I for RGB  
DIN for S-Video  
RCA jack for composite video

#### Optional:

DVI-I to HD15 cable adapter  
DVI-I to 5BNC cable adapter

#### Power Source

115-230VAC IEC receptacle

#### Optional:

115-230AC Military Connector  
24VDC

#### Temperature

Operating: 0 to 55°C  
Storage: -20 to 71°C

#### Humidity

Operating: 10 to 95%NC  
Storage: 10 to 95%NC

#### Altitude

Operating: up to 15,000 ft  
Storage: up to 40,000 ft

#### Shock

Operating: 30g, 11msec 1/2 sine  
Storage: 30g, 11msec 1/2 sine

#### Vibration

±1mm, 2 to 13Hz; 0.7g,  
13 to 100Hz, 3 axes

#### Response Time

T<sub>R</sub> = 15ms

T<sub>F</sub> = 10ms

#### Bezel Finish

Black Powder Coat

#### Touchscreen

#### Optional:

Resistive or Capacitive

#### Touch Interface

Serial

#### Optional:

USB

## OPTIONS

- Full-Range Dimming
- 24VDC Power Supply
- Capacitive and Resistive Touch
- DVI-I to HD15 cable adapter
- DVI-I to 5BNC cable adapter
- No Front Power Switch
- Night Vision Compatibility

[www.vartechsystems.com](http://www.vartechsystems.com)